

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: COLLINS et al.

Serial No.: Not yet assigned

Filing Date: Filed herewith

For: VERIFICATION OF ELECTRON  
TREATMENT FIELDS

) Examiner: Not yet assigned

) Group Art Unit: Not yet  
assigned

) Express Mail Label No.:

EL230595207US

) Date of Deposit:

July 20, 2001Commissioner for Patents  
Washington, D.C. 20231

## INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants submit herewith patents, publications or other information of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

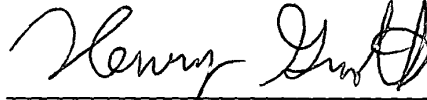
The filing of this information disclosure statement shall not be construed as a representation that a thorough search has been made, an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. Nor shall the filing of this information disclosure statement be construed as an admission against interest in any manner.

This Information Disclosure Statement is filed in accordance with 37 CFR §§1.56, 1.97 and 1.98. The items listed on the accompanying Form PTO-1449 may be deemed to be related to the above-identified application and are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested

to fully consider the items listed on the enclosed copy of Form PTO-1449 and to independently ascertain their teaching.

No fee is believed to be due under 37 CFR §1.17(p) for this Information Disclosure Statement since it is being filed concurrently with the above-identified application.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Henry J. Groth", written over a horizontal line.

Henry J. Groth, Reg. No. 39,696

ON BEHALF OF

Heather S. Vance, Reg. No. 39,033

Direct: 408-492-5085

Fax: 408-492-7414

Attn: Elsa Keller, Legal Administrator  
Intellectual Property Department  
186 Wood Avenue South  
Iselin, NJ 08830

Substitute for form 1449A/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Application Number	Not yet assigned	
			Filing Date	Filed herewith	
			First Named Inventor	SVATOS ET AL.	
			Group Art Unit	Not yet assigned	
			Examiner Name	Not yet assigned	
Sheet	1	of	1	Attorney Docket Number	2001 P 13113 US

11046 U.S. PTO  
 09/910526  
 07/20/01

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A	Ma et al. , "Energy- and intensity-modulated electron beams for radiotherapy" (IOP Publishing Ltd, Vol. 45, No. 8, August 1, 2000; pgs. 2293-2311)	
	B	Karlsson et al. "Treatment head design for multileaf collimated high-energy electrons" (Medical Physics, Vol. 26, No. 10, October 1999, pgs. 2161-2167)	
	C	Moran et al. "Characteristics of scattered electron beams shaped with a multileaf collimator" (Medical Physics, Vol. 24, No. 9, September 1997; pgs. 1491-1498)	
	D	Zhu et al. "Characteristics of bremsstrahlung in electron beams" (Medical Physics, Vol. 28, No. 7, July 2001; pgs. 1352-1358)	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.